AMENDMENTS TO THE CLAIMS:

Claims 1 - 7 have been canceled without prejudice or disclaimer. The following listing of

claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 - 7 (Canceled)

Claim 8 (Original): An optical semiconductor device comprising

an optical multilayer film that is located on an light incident plane or a light emitting plane,

the optical multilayer film having a laminated structure that at least includes a first layer, a

second layer containing titanium oxynitride as a main component, and a third layer containing

magnesium fluoride as a main component, the first layer having a different refractive index from that

of the second layer or the third layer,

the laminated structure having a plurality reflection planes,

the thickness of the third layer being smaller than 1/4 wavelength.

Claim 9 (Original): The optical semiconductor device as claimed in claim 8, wherein the first

layer and the second layer are in contact with each other.

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Claim 10 (Original): The optical semiconductor device as claimed in claim 8, wherein another layer is interposed between the first layer and the second layer.

Claim 11 (Original): The optical semiconductor device as claimed in claim 8, wherein: the first layer contains magnesium fluoride; and

the second layer is sandwiched by the first layer and the third layer.

Claim 12 (Original): The optical semiconductor device as claimed in claim 8, wherein the first layer contains silicon oxide as a main component.

Claim 13 (Original): The optical semiconductor device as claimed in claim 8, wherein the optical multilayer film is a reflection preventing film or a highly reflective film.

Claim 14 (Original): The optical semiconductor device as claimed in claim 8, wherein the second layer is a layer formed by ion-assisted deposition.

Claim 15 (Original): The optical semiconductor device as claimed in claim 8, wherein at least the light incident plane or the light emitting plane is sealed with resin.

Claim 16 (Original): An optical semiconductor device comprising

an optical multilayer film that includes a plurality of layers having different refractive indices on a light incident plane or a light emitting plane,

the optical multilayer film being able to exhibit first optical characteristics that are obtained

by causing a refractive index difference between an outermost layer and the air or an inert gas, and

second optical characteristics that are obtained by not causing a refractive index difference between

the outermost layer and a material existing on the external side of the outermost layer, and

the first optical characteristics and the second optical characteristics being substantially the

same.

Claim 17 (Original): The optical semiconductor device as claimed in claim 16, wherein

the first optical characteristics and the second optical characteristics both satisfy optical requirements

of a case where another material is provided in contact with the outermost layer of the optical

multilayer film.

Claim 18 (Original): The optical semiconductor device as claimed in claim 16, wherein the

second optical characteristics are obtained by providing resin in contact with the outermost layer of

the optical multilayer film.

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Claim 19 (Original): The optical semiconductor device as claimed in claim 16, wherein the optical multilayer film includes a layer that contains titanium oxynitride as a main component, and a layer that contains magnesium fluoride as a main component.

Claim 20 (Original): The optical semiconductor device as claimed in claim 8, further comprising a fourth layer having a refractive index higher than that of the first layer.